LASE D0047A CIP

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IN RE APPLICATION OF

Art Unit: 1745

BATTAGLINO ET AL.

APPLICATION NO: 10/712,615

FILED: NOVEMBER 13, 2003

FOR: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,

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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Stephen C. D'Amico

Agent for Applicants

Reg. No. 46,652

Bristol-Myers Squibb Company Patent Department P.O. Box 4000 Princeton, NJ 08543-4000 (609) 252-5289

Date: 10-13-64

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EXAMINER INITIAL		U.S. APPLICATION DOCUMENT	DATE OF		NAME	CLA	SS SUE	CLASS	FIL	ING DATE
	AA	2003/0096751	5/22/03		Ramanathan et al.				<u> </u>	
	AB	2003/0152977	8/14/03		Ramanathan et al.					
	AC	2004/0018976	1/29/04		Feder et al.					
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		OTHER DOC	UMENTS	(Inclu	uding Author, Title, Date, Pertine	nt pages, E	Etc.)			
	AR	NCBI Entrez Accessio	on No. AAL2	648	6 (gi:16566341), Lee, D.K. 6	et al., Nov	vember 1,	2001		
	AS	NCBI Entrez Accession No. AC016468 (gi:10045369), Birren, B. et al., September 9, 2000								
	AT	NCBI Entrez Accession	on No. AL39	087	9 (gi:14575268), Lawlor, S.,	July 3, 2	001			
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Group 1745

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

EXAMINER	DATE CONSIDERED
2AN	Swiss-Prot Accession No. P35348, Release 29, June 1994
2AM	Swiss-Prot Accession No. P25100, Release 22, May 1992
2AL	Swiss-Prot Accession No. P18130, Release 16, November 1990
2AK	Swiss-Prot Accession No. P17200, Release 15, August 1990
2AJ	Swiss-Prot Accession No. P08908, Release 09, November 1988
2AI	Swiss-Prot Accession No. O96716, Release 10, May 1999
2AH	Swiss-Prot Accession No. O77621, Release 38, July 1999
2AG	Swiss-Prot Accession No. O42385, Release 39, May 2000
2AF	Swiss-Prot Accession No. O02824, Release 36, July 1998
2AE	NCBI Entrez Accession No. XP_066653 (gi:17485708), NCBI Annotation Project, December 11, 2001
2AD	NCBI Entrez Accession No. NM_000818 (gi:4503874), Dracheva, S. et al., August 23, 2004
2AC	NCBI Entrez Accession No. CAC33098 (gi:13162150), Deleersnijder, W. et al., February 26, 2001
2AB	NCBI Entrez Accession No. AX148250 (gi:14347146), Chen, R. et al., June 8, 2001
2AA	NCBI Entrez Accession No. AX080495 (gi:13162149), Deleersnijder, W. et al., February 26, 2001

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Group 1745

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	THER BOOMERTO (mondaing nation, rite, bate, retainert pages, 200)
ЗАА	Swiss-Prot Accession No. P43140, Release 32, November 1995
зав	Swiss-Prot Accession No. P97714, Release 36, July 1998
зас	Swiss-Prot Accession No. P97718, Release 36, July 1998
3AD	Swiss-Prot Accession No. Q19084, Release 36, July 1998
3AE	Swiss-Prot Accession No. Q25414, Release 35, November 1997
3AF	Swiss-Prot Accession No. Q64264, Release 35, November 1997
3AG	Swiss-Prot Accession No. Q8N6U8, Release 44, July 2004
зан	Swiss-Prot Accession No. Q91175, Release 35, November 1997
3AI	Aggarwal, B.B., "Apoptosis and Nuclear Factor-κB: A Tale of Association and Dissociation", Biochemical Pharmacology, Vol. 60, pp. 1033-1039 (2000)
3AJ	Baldwin, A.S., "Control of oncogenesis and cancer therapy resistance by the transcription factor NF-κB", The Journal of Clinical Investigation, Vol. 107, No. 3, pp. 241-246 (2001)
ЗАК	Baldwin, Jr., A.S., "The transcription factor NF-κB and human disease", The Journal of Clinical Investigation, Vol. 107, No. 1, pp. 3-6 (2001)
3AL	Barrot, M. et al., "CREB activity in the nucleus accumbens shell controls gating of behavioral responses to emotional stimuli", Proc. Natl. Acad. Sci., Vol. 99, No. 17, pp. 11435-11440 (2002)
ЗАМ	1, pp. 79-83 (1998)
3AN	Baud, V. et al., "Signal transduction by tumor necrosis factor and its relatives", Trends in Cell Biology, Vol. 11, No. 9, pp. 372-377 (2001)
XAMINER	DATE CONSIDERED

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Group 1745

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

4AA	Benveniste, H. et al., "Microdialysis — Theory and Application", Progress in Neurobiology, Vol. 135, pp. 195-215 (1990)		
	166, pp. 166 216 (1666)		
4AB	Bowery, N.G. et al., "γ-Aminobutyric Acid _B Receptors: First of the Functional Metabotropic Heterodimers", The Journal of Pharmacology and Experimental Therapeutics, Vol. 292, No. 1, pp. 2-7 (2000)		
4AC	Bunz, F., et al., "Requirement for p53 and p21 to Sustain G ₂ Arrest After DNA Damage", Science, Vol. 282, pp. 1497-1501 (1998)		
4AD	Bunzow, J.R. et al., "Cloning and expression of a rat D₂ dopamine receptor cDNA", Nature, Vol. 336, pp. 783-787 (1988)		
4AE	Charney, D.S. et al., eds., Neurobiology of Mental Illness, Oxford University Press, Inc., publ., pp. ix-xi (table of contents) (1999)		
4AF	Cheng, T. et al., "Hematopoietic Stem Cell Quiescence Maintained by p21 ^{cip1/war1} ", Science, Vol. 287, pp. 1804-1808 (2000)		
4AG	Cryan, J.F. et al., "Assessing antidepressant activity in rodents: recent developments and future needs", Trends in Pharmacological Sciences, Vol. 23, No. 5, pp. 238-245 (2002)		
4AH	Dalvi, A. et al., "Murine models of depression", Psychopharmacology, Vol. 147, pp. 14-16 (1999)		
4AI	Desdouets, C. et al., "p27: a pleiotropic regulator of cellular phenotype and a target for cell cycle dysregulation in cancer", Pathol. Biol., Vol. 48, pp. 203-210 (2000)		
4AJ	Draetta, G.F., "Mammalian G ₁ cyclins", Current Opinion in Cell Biology, Vol. 6, pp. 842-846 (1994)		
4AK	Feng, Y. et al., "HIV-1 Entry Cofactor: Functional cDNA Cloning of a Seven-Transmembrane, G Protein-Coupled Receptor", Science, Vol. 272, pp. 872-877 (1996)		
4AL	Ghosh, S. et al., "NF-κB and Rel Proteins: Evolutionarily Conserved Mediators of Immune Responses", Annu. Rev. Immunol., Vol. 16, pp. 225-260 (1998)		
4AM	Guijarro, C. et al., "Transcription factor-κΒ (NF-κΒ) and renal disease", Kidney International, Vol. 59, pp. 415-424 (2001)		
4AN	Horn, F. et al., "G protein-coupled receptors in silico", J. Mol. Med., Vol. 76, pp. 464-468 (1998)		
EXAMINER	DATE CONSIDERED		

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Group 1745

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)
5AA	Horn, F. et al., "The Interaction of Class B G Protein-Coupled Receptors with their Hormones", Receptors and Channels, Vol. 5, pp. 305-314 (1998)
5AB	Johnson, G.L. et al., "The G-Protein Family and Their Interaction with Receptors", Endocrine Reviews, Vol. 10, No. 3, pp. 317-331 (1989)
5AC	Jordan, B.A. et al., "G-protein-coupled receptor heterodimerization modulates receptor function", Nature, Vol. 399, pp. 697-700 (1999)
5AD	Kobilka, B.K. et al., "cDNA for the human β ₂ -adrenergic receptor: A protein with multiple membrane- spanning domains and encoded by a gene whose chromosomal location is shared with that of the receptor for platelet-derived growth factor", Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 46-50 (1987)
5AE	Kobilka, B.K. et al., "Cloning, Sequencing, and Expression of the Gene Coding for the Human Platelet α ₂ -Adrenergic Receptor", Science, Vol. 238, pp.650-656 (1987)
5AF	Lee, D.K. et al., "Discovery and mapping of ten novel G protein-coupled receptor genes", Gene, Vol. 275, pp. 83-91 (2001)
5AG	Lefkowitz, R.J., "Variations on a theme", Nature, Vol. 351, pp. 353-354 (1991)
5AH	Li, S.P. et al., "Differential Distribution of GABA _{B1} and GABA _{B2} Receptor mRNAs in the Rat Brain", Molecules and Cells, Vol. 16, No. 1, pp. 40-47 (2003)
5AI	Lucki, I., "The forced swimming test as a model for core and component behavioral effects of antidepressant drugs", Behavioural Pharmacology, Vol. 8, pp. 523-532 (1997)
5AJ	Martin, J.H., Neuroanatomy: Text and Atlas, Elsevier Science Publishing Co., publ., pp. vii-xii (table of contents) (1989)
5AK	Martin, S. et al., "Neurotensin Receptor-1 and -3 Complex Modulates the Cellular Signaling of Neurotensin in the HT29 Cell Line", Gastroenterology, Vol. 123, No. 4, pp. 1135-1143 (2002)
5AL	Medema, R.H. et al., "AFX-like Forkhead transcription factors mediate cell-cycle regulation by Ras and PKB through p27 ^{kip1} ", Nature, Vol. 404, pp. 782-787 (2000)
5AM	Nestler, E.J. et al., "Neurobiology of Depression", Neuron, Vol. 34, pp. 13-25 (2002)
5AN	Parrot, S. et al., "Microdialysis Monitoring of Catecholamines and Excitatory Amino Acids in the Rat and Mouse Brain: Recent Developments Based on Capillary Electrophoresis with Laser-Induced Fluorescence Detection — A Mini-Review", Cellular and Molecular Neurobiology, Vol. 23, Nos. 4/5, pp. 793-804 (2003)
EXAMINER	DATE CONSIDERED

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Group 1745

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

-	Citize Document of Children Admin, The Date, Former Pages, 2007
6AA	Pfeiffer, M. et al., "Heterodimerization of Somatostatin and Opioid Receptors Cross-modulates Phosphorylation, Internalization, and Desensitization", The Journal of Biological Chemistry, Vol. 277, No. 22, pp. 19762-19772 (2002)
6AB	Pfeiffer, M. et al., "Homo- and Heterodimerization of Somatostatin Receptor Subtypes: Inactivation of sst ₃ Receptor Function by Heterodimerization with sst _{2A} ", The Journal of Biological Chemistry, Vol. 276, No. 17, pp. 14027-14036 (2001)
6AC	Phillips, A.G. et al., "Amygdalar control of the mesocorticolimbic dopamine system: parallel pathways to motivated behavior", Neuroscience and Biobehavioral Reviews, Vol. 27, pp. 543-554 (2003)
6AD	Robinson, T.E. et al., eds., Microdialysis in the Neurosciences, Elsevier Science Publishers, publ., pp. xvii-xxvi (table of contents) (1991)
6AE	Sands, S.A. et al., "Differential Regulation of GABA _B Receptor Subunit Expression and Function", The Journal of Pharmacology and Experimental Therapeutics, Vol. 305, No. 1, pp. 191-196 (2003)
6AF	Schafer, K.A., "The Cell Cycle: A Review", Vet. Pathol, Vol. 35, No. 6, pp. 461-478 (1998)
6AG	Sgambato, A. et al., "Multiple Functions of p27 ^{Kip1} and Its Alterations in Tumor Cells: A Review", Journal of Cellular Physiology, Vol. 183, pp. 18-27 (2000)
6AH	Silverman, N. et al., "NF-kB signaling pathways in mammalian and insect innate immunity", Genes & Development, Vol. 15, pp. 2321-2342 (2001)
6AI	Simon, M.I. et al., "Diversity of G Proteins in Signal Transduction", Science, Vol. 252, pp. 802-808 (1991)
6AJ	Takeda, S. et al., "Identification of G protein-coupled receptor genes from the human genome sequence", FEBS Letters, Vol. 520, pp. 97-101 (2002)
6AK	Terrillon, S. et al., "Oxytocin and Vasopressin V1a and V2 Receptors Form Constitutive Homo- and Heterodimers during Biosynthesis", Molecular Endocrinology, Vol. 17, No. 4, pp. 677-691 (2003)
6AL	Thornberry, N.A. et al., "Caspases: Enemies Within", Science, Vol. 281, pp. 1312-1316 (1998)
6AM	Valen, G. et al., "Nuclear Factor Kappa-B and the Heart", Journal of the American College of Cardiology, Vol. 38, No. 2, pp. 307-314 (2001)
AN	
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